JC03 Recid PCT/PTO 23 MAR 2005

ATTORNEY'S DOCKET NUMBER FORM PTO-1390 (Modified) REV. 07-2004) U.S. PATENT AND TRADEMARK OFFICE; U.S. DEPARTMENT OF COMMERCE SO01-P12 TRANSMITTAL LETTER TO THE UNITED STATES U.S. APPLICATION NO. (If known, see 37 CFR 1.5) DESIGNATED/ELECTED OFFICE (DO/EO/US) CONCERNING A SUBMISSION UNDER 35 U.S.C. 371 INTERNATIONAL APPLICATION NO. INTERNATIONAL FILING DATE PRIORITY DATE CLAIMED PCT/GB2003/004088 25 SEPT 2003 25 SEPT 2002 TITLE OF INVENTION POLARISATION-DEPENDENT OPTICAL FIBRE AMPLIFIER APPLICANT(S) FOR DO/EO/US Malcolm Paul VARNHAM, Mikhail Nickolaos ZERVAS and Paul William TURNER Applicant herewith submits to the United States Designated/Elected Office (DO/EO/US) the following items and other information: This is a FIRST submission of items concerning a submission under 35 U.S.C. 371. This is a SECOND or SUBSEQUENT submission of items concerning a submission under 35 U.S.C. 371. 2. This is an express request to begin national examination procedures (35 U.S.C. 371(f)). The submission must include items (5), 3. \boxtimes (6), (9) and (24) indicated below. The US has been elected (Article 31). 4. \boxtimes 5. \boxtimes A copy of the International Application as filed (35 U.S.C. 371 (c) (2)) is attached hereto (required only if not communicated by the International Bureau). has been communicated by the International Bureau. is not required, as the application was filed in the United States Receiving Office (RO/US). 6. An English language translation of the International Application as filed (35 U.S.C. 371(c)(2)). is attached hereto. a. has been previously submitted under 35 U.S.C. 154(d)(4). ь. 7. \Box Amendments to the claims of the International Application under PCT Article 19 (35 U.S.C. 371 (c)(3)) are attached hereto (required only if not communicated by the International Bureau). b. have been communicated by the International Bureau. have not been made; however, the time limit for making such amendments has NOT expired. have not been made and will not be made. 8. An English language translation of the amendments to the claims under PCT Article 19 (35 U.S.C. 371(c)(3)). 9. An oath or declaration of the inventor(s) (35 U.S.C. 371 (c)(4)). 10. An English language translation of the annexes to the International Preliminary Examination Report under PCT Article 36 (35 U.S.C. 371 (c)(5)). \boxtimes 11. A copy of the International Preliminary Examination Report (PCT/IPEA/409). \boxtimes 12. A copy of the International Search Report (PCT/ISA/210). Items 13 to 23 below concern document(s) or information included: \boxtimes 13. An Information Disclosure Statement under 37 CFR 1.97 and 1.98. An assignment document for recording. A separate cover sheet in compliance with 37 CFR 3.28 and 3.31 is included. 14. 15. A FIRST preliminary amendment. 16. A SECOND or SUBSEQUENT preliminary amendment. 17. A substitute specification. 18. A power of attorney and/or change of address letter. 19. A computer-readable form of the sequence listing in accordance with PCT Rule 13ter.2 and 37 CFR 1.821 - 1.825. 20. A second copy of the published International Application under 35 U.S.C. 154(d)(4). 21. A second copy of the English language translation of the International Application under 35 U.S.C. 154(d)(4). \boxtimes 22 Express Mail Label No. ED 271797507 US \boxtimes 23. Other items or information: Return Receipt Postcard; Certificate of Express Mailing; Check for \$450

JC14 Rec'd PCT/PTO 23 MAR 2005

U.S. APPLICATION NO (if known, see 37 GFR=1.5) 10/528895 INTERNATIONAL A PCT/GB								EY'S DOCKET NUMBER SO01-P12				
24.			owing fees are submitted:.				CALCULAT	IONS	S PTO USE ONLY			
BASIC	NAT	IONA	L FEE (37 CFR 1.492(a)(1)-(5)):								
Ø	Bas	ic N	ational Stage Fee .		\$300	0.00						
	□ National Stage Sear¢h Fee - search report prepared and provided to USPTO \$400.00											
	Nat	iona	l Stage Examination	Fee - all other	. \$200							
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			ENTER APPROPRI	ATE BASIC FEE AM	OUNT =	=	\$900.00					
months	from t	130.0 he earl	0 for furnishing the oath or declaring the claimed priority date (37 C	FR 1.492(e)).			\$0	.00				
	AIMS		NUMBER FILED	NUMBER EXTRA 0	RATE x \$18.00		60	.00				
	tal claims 20 - 20 = dependent claims 3 - 3 =			0	x \$88.			.00				
	Independent claims 3 - 3 = Multiple Dependent Claims (check if applicable).							.00				
			TOTAL OF	ABOVE CALCULAT	TIONS	=	\$900.00					
⊠ A re	pplicar duced	it clain by 1/2.	ns small entity status. See 37 CF.	R 1.27. The fees indicated above	e are		\$450.00	,	•			
				SUB	TOTAL	=	\$450.00					
Proces: months	sing fee from t	of \$1. he earl	30.00 for furnishing the English liest claimed priority date (37 Cl	translation later than \Box 2 FR 1.492(f)).	0 🗆 3	+	\$0	.00				
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Fee for accomp	record	ing the	e enclosed assignment (37 CFR 1 appropriate cover sheet (37 CFR	.21(h)). The assignment must 8 3.28, 3.31) (check if applicable	e).		\$0	.00				
				TOTAL FEES ENCL	OSED	=	\$450.00					
							Amount to be: refunded		\$			
							charged		\$			
a.	\boxtimes		eck in the amount of \$450		s is enclose	d.						
·b.		Pleas	ase charge my Deposit Account No in the amount of to cover the above fees.									
c.		The Director is hereby authorized to charge any additional fees which may be required, or credit any overpayment to Deposit Account No.										
d.			are to be charged to a credit card			-	•					
NOTE	: Whe	re an a	appropriate time limit under 37	CFR 1.494 or 1.495 has not b	een met, a	petitio	on to revive (37	CFR	•			
			t be filed and granted to restor	e the international Applicatio	n to penain	ig stati	us.					
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	S. Valle		Lane		John S.	Reid						
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					DATE							



IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

INVENTORSHIP	VARNHAM, Malcolm Paul et al.
	n/a
PCT APPLICATION NO	PCT/GB2003/004088
INTERNATIONAL FILING DATE	14 September 2003
ATTORNEY DOCKET NO	SO01-P12
ASSIGNEE	Southampton Photonics Ltd.
TITLE: POLARISATION-DEPENDI	ENT OPTICAL FIBRE AMPLIFIER

CERTIFICATE OF EXPRESS MAILING

I hereby declare that I have deposited the below-listed papers with the United States Postal Service "Express Mail Post Office to Addressee" service, addressed and posted as indicated below, in compliance with 37 CFR 1.10. The Express Mail label No. has been placed on one or more of the papers listed.

> Express Mail Number: <u>ED 271797570 US</u> Date of Deposit: ____ March 23, 2005

Deposited By:

☐ Delivery to Postal Employee

□ Placed in Drop Box

Mail Stop PCT Addressee:

Commissioner for Patents

P.O. Box 1450

Alexandria, VA 22313-1450

Listing Of Items Enclosed In Mailing:

- 1. Return Receipt Postcard (1/2, 2/2)
- 2. Check for \$450.00
- 3. Transmittal Letter to the DO/EO/US Concerning Submission under 35 USC 371 (2 pages)
- 4. Certificate of Express Mailing (1 page)
- 5. Preliminary Amendment (7 pages)
- 6. Specification (15 pages, including cover sheet and claims 1-20)
- 7. Drawings (7 sheets, Figs. 1-25)
- 8. Copy of PCT publication WO 2004/030165 A1, corresponding to PCT/GB2003/004088
- 9. Copy of International Preliminary Examination Report (6 pages)
- 10. Information Disclosure Statement (1 page), plus USPTO Form 1449 (1 page), copy of International Search Report (3 pages) and copy of cited references (5 in all)

I hereby declare that all statements made herein of my own knowledge are true and that all statements made on information and belief are believed to be true; and further that these statements were made with the knowledge that willful false statements and the like so made are punishable by fine or imprisonment, or both, under Section 1001 of Title 18 of the United States Code and that such willful false statement may jeopardize the validity of the application or any patent issued therefrom.

Dated this 23rd day of March, 2005.

Dated at Spokane, Washington